

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL123019\
 Data File : VL034527.D
 Acq On : 31 Dec 2019 1:06
 Operator : SY/AP
 Sample : QC120919 CAN 10448
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC120919 CAN 10448

Quant Time: Dec 31 05:02:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL123019AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 30 14:58:50 2019
 QLast Update : Mon Dec 30 14:58:50 2019
 Response via : Initial Calibration

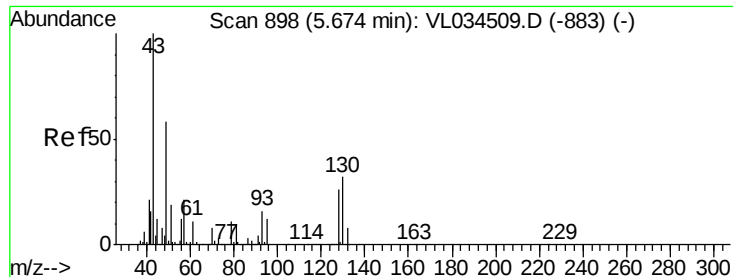
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	925940	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1835719	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1782890	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1491327	10.02	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
30) Cyclohexane	7.19	84	4685	0.071	ppbv #	1
39) 1,2-Dichloropropane	7.20	63	544523	8.275	ppbv #	21

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 898

Delta R.T. -0.00 min

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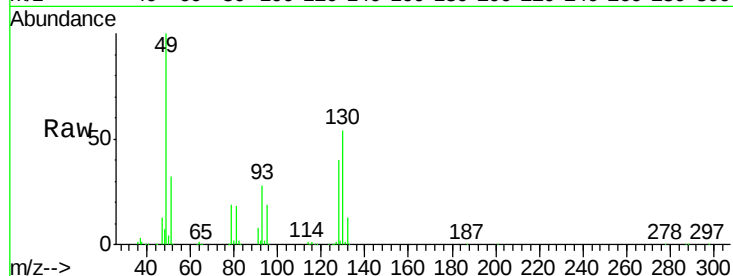
Tgt Ion: 49 Resp: 925940

Ion Ratio Lower Upper

49 100

128 43.6 22.4 67.2

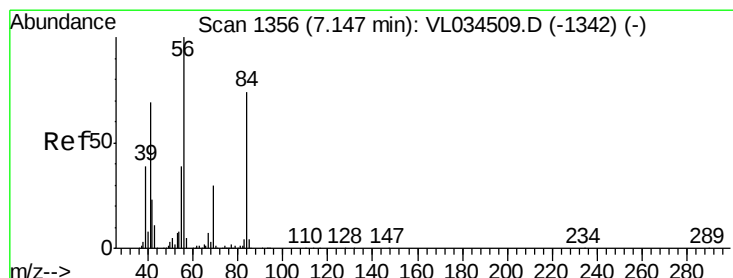
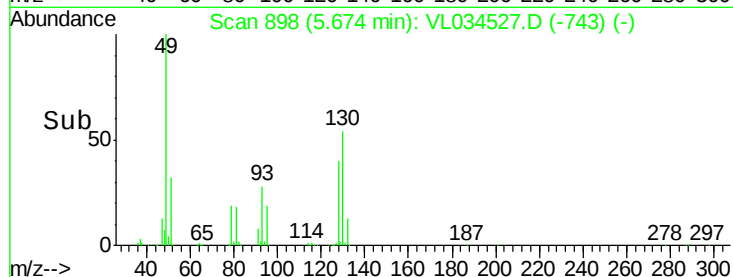
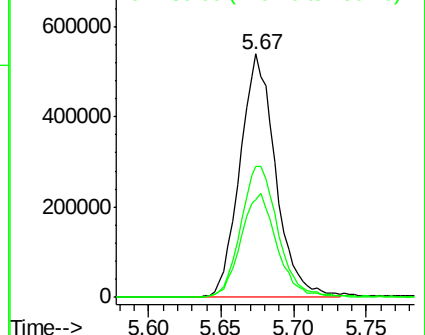
130 56.5 28.3 85.0



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#30

Cyclohexane

Concen: 0.071 ppbv

RT: 7.19 min Scan# 1368

Delta R.T. 0.04 min

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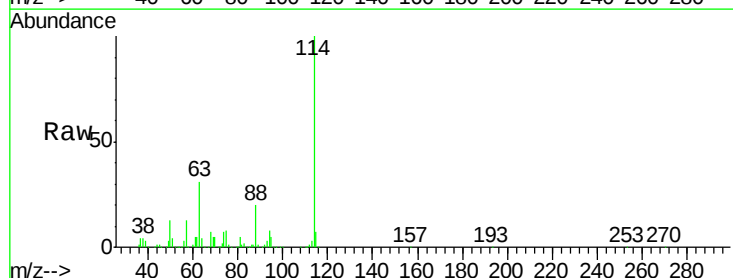
Tgt Ion: 84 Resp: 4685

Ion Ratio Lower Upper

84 100

56 0.0 112.7 169.1#

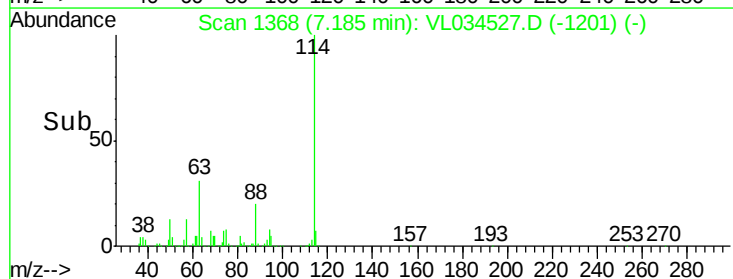
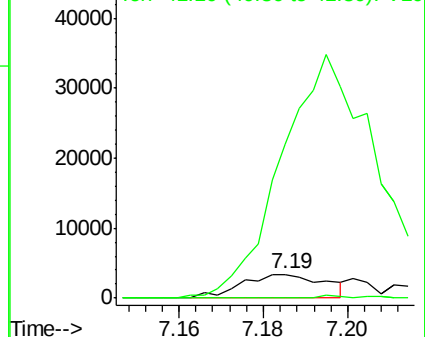
41 0.0 73.0 109.4#

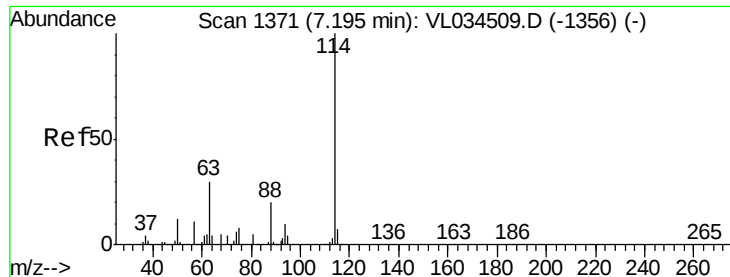


Abundance Ion 84.20 (83.90 to 84.90): VL0

Ion 56.10 (55.80 to 56.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

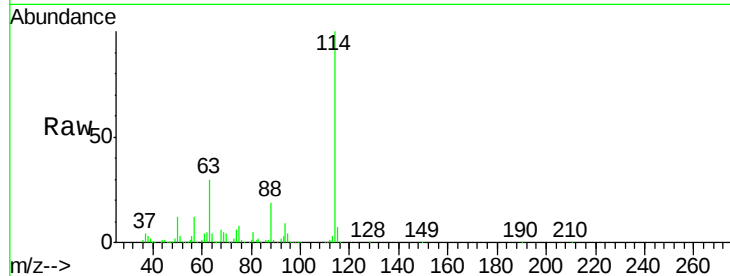




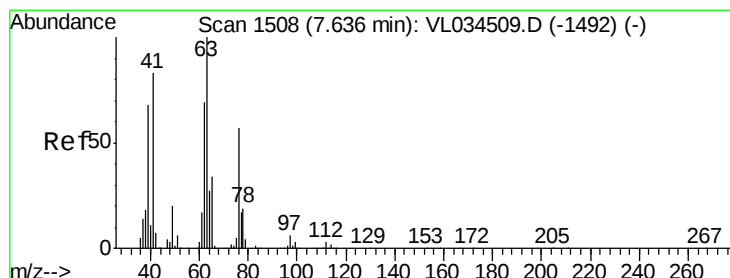
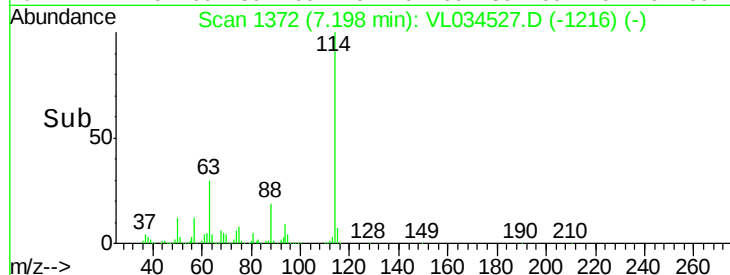
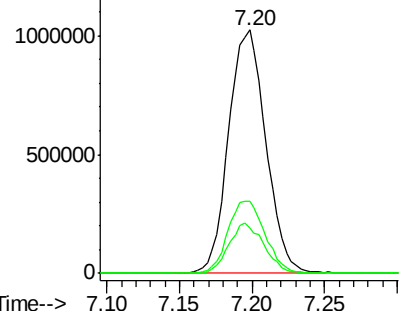
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1372
 Delta R.T. 0.00 min
 Lab File: VL034527.D
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Tgt Ion: 114 Resp: 1835719
 Ion Ratio Lower Upper
 114 100
 63 29.8 24.1 36.1
 88 19.6 15.7 23.5

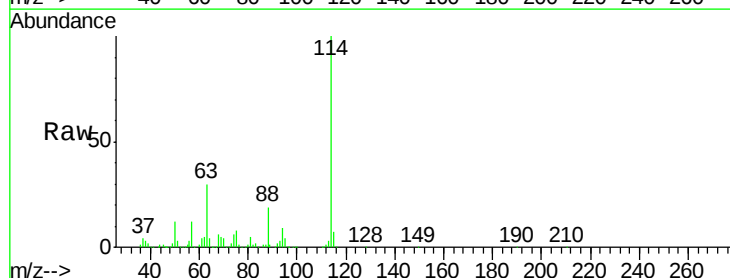


Abundance Ion 114.10 (113.80 to 114.80): V
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

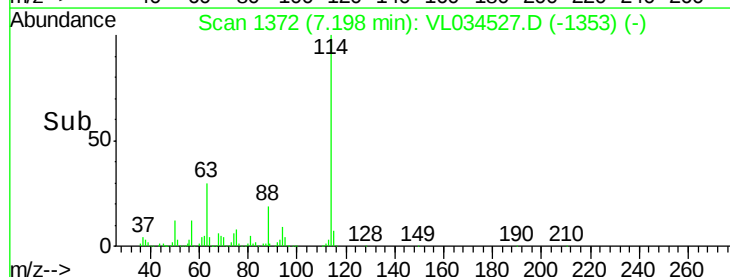
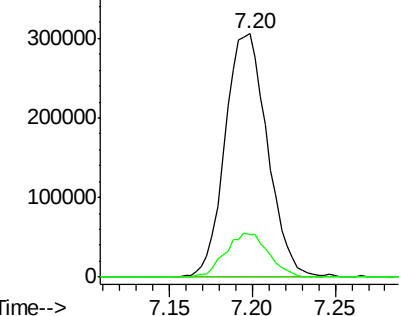


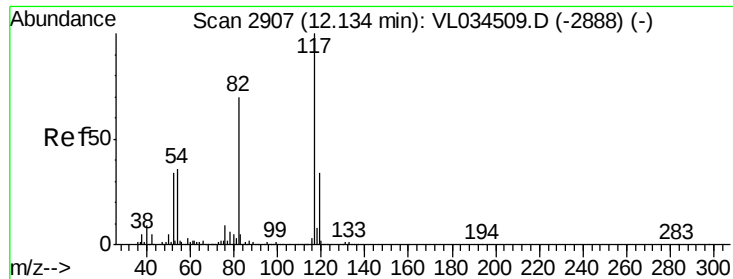
#39
 1,2-Dichloropropane
 Concen: 8.275 ppbv
 RT: 7.20 min Scan# 1372
 Delta R.T. -0.44 min
 Lab File: VL034527.D
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Tgt Ion: 63 Resp: 544523
 Ion Ratio Lower Upper
 63 100
 41 0.1 66.1 99.1#
 62 17.4 54.9 82.3#



Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0

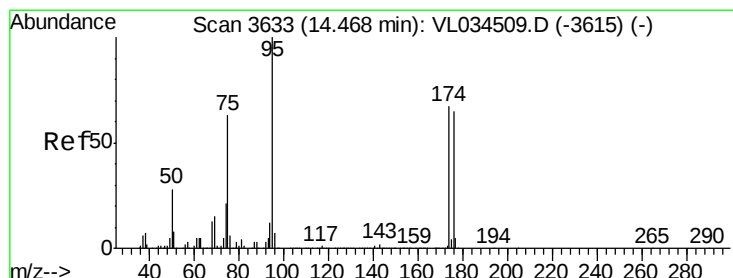
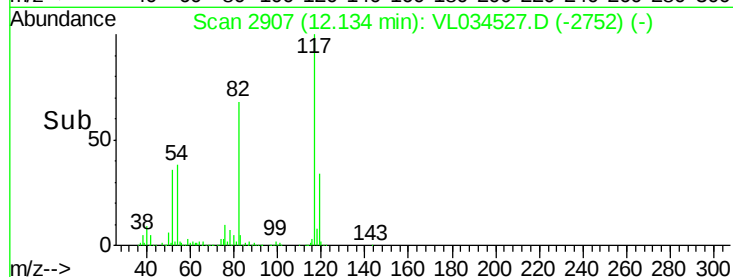
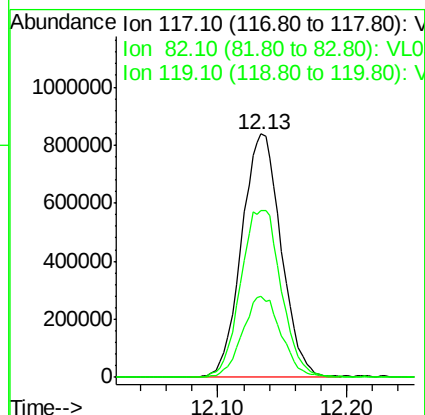
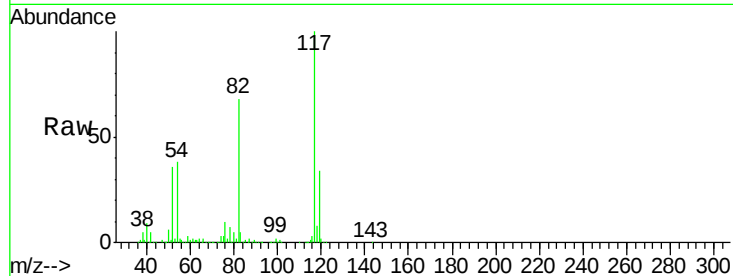




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. -0.00 min
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Tgt Ion: 117 Resp: 1782890
Ion Ratio Lower Upper
117 100
82 71.3 56.2 84.4
119 32.9 27.1 40.7



#68
1-Bromo-4-Fluorobenzene
Concen: 10.024 ppbv
RT: 14.47 min Scan# 3634
Delta R.T. 0.00 min
Lab File: VL034527.D
Acq: 31 Dec 2019 1:06

Tgt Ion: 95 Resp: 1491327
Ion Ratio Lower Upper
95 100
174 63.9 52.4 78.6
175 4.8 3.9 5.9

